

## **BUS MECHANIC II**

### **Class Definition**

Under general supervision, performs journey level maintenance and repair on diesel and gasoline powered City buses and related equipment.

### **Distinguishing Characteristics**

Bus Mechanic II is the journey level class in the Bus Mechanic series. Incumbents perform fully skilled maintenance and repairs on diesel and gasoline powered buses and related equipment. This class is distinguished from Bus Mechanic Leadworker in that the latter is the advanced working/lead level class in the series. It is distinguished from Bus Mechanic I in that the latter is the trainee level class in which incumbents work under close supervision while receiving training in maintaining and repairing buses and related equipment in City Transit buses.

### **Typical Tasks**

(An incumbent may not be assigned all duties listed, nor do the examples cover all duties which may be assigned.)

Inspects, repairs, and maintains functional parts of automotive and mechanical equipment.

Inspects defective equipment and diagnoses malfunctions, using motor analyzers, pressure gauges, chassis charts, and factory manuals.

Installs, repairs and replaces ignition systems, transmissions and other parts, using hand tools and power tools.

Disassembles and overhauls internal combustion engines, pumps, generators, transmissions, clutches, and rear ends.

Reads job order and observes and listens to vehicle in operation to determine malfunction and to plan work procedures.

Maintains records of work performed and assists in the training of subordinates.

Repairs and maintains air and hydraulic brake systems.

Responds to road calls to repair buses and related equipment.

Performs related duties as required.

*Knowledge, Abilities, and Skills*

Knowledge of the methods, materials, tools, and techniques used in the repair and maintenance of diesel and gasoline powered equipment.

Knowledge of the principles of operation of diesel and gasoline engines and mechanical operation of construction equipment.

Knowledge of the occupational hazards and safety precautions of the trade.

Ability to diagnose malfunctions in mechanical equipment.

Ability to adapt available tools and repair parts to specific repair problems.

Ability to interpret and work from sketches and diagrams.

Ability to diagnose mechanical malfunctions.

Ability to establish and maintain effective working relationships with those contacted in the performance of assigned duties.

Skill in the proper use of tools and equipment used in automotive maintenance and repair.

*Minimum Qualifications*

Completion of a recognized training program, or 4000 hours of City approved training as a Bus Mechanic I with the City of Fresno, or equivalent experience involving work on large and complex industrial or commercial vehicles.

*Necessary Special Requirement*

May require possession of a valid Class C California Driver's License at time of appointment and ability to acquire a Class A California Driver's License which must be maintained for the entire term of employment in this class.

APPROVED: \_\_\_\_\_  
Director of Human Resources

DATE: \_\_\_\_\_